

ICS 71.100.30
CCS Y88

SN

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 3081.3-2012

**Test method for the inspection of export fireworks and
firecracker. Part 3: Sound level
(English Translation)**

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Foreword

SN/T 3081 "fireworks export product testing method" is divided into three parts.

--- Part 1. General;

--- Part 2. Determination of electronic firing head;

--- Part 3. Determination of sound level.

This section SN/T Section 33081 of.

This section drafted in accordance with GB/T 1.1-2009 requirements given.

This section proposed and managed by the National Certification and Accreditation Administration Committee.

1 Scope

This section SN/T 3081 specifies the method for determination of export products fireworks sound level values.

This section applies to sound level measuring exports of fireworks products.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB/T 3785 electro-acoustics Sound Level Meters GB 10631 fireworks safety and quality

3 Terms, definitions and symbols

Terms, definitions and symbols defined in GB 10631 apply to this document.

4 Determination

4.1

The main equipment and materials

4.1.1

Sound Level Meter. compliance with type 1 or type 1 above requirements GB/T 3785 in the prescribed measuring range of not less than 60dB ~ 150dB.

4.1.2

anemometer. range of not less than 10m/s, accuracy no less than 0.1m/s.

4.1.3

tripod.

4.1.4

Paper tape. accuracy of 1.0cm.

4.2 Sound Level Meter Calibration

4.2.1

according to the instructions on the instrument using a predetermined sound level calibrator sound level meter calibration.

4.2.2

The sound level meter before and after use, check with a sound level correction, after a difference must not exceed 1dB.

4.3 Determination

4.3.1

Determination of the venue. the outdoor should be open on a flat hard surface. Class B fireworks test site radius of not less than 25m, C, D Grade fireworks test site radius not less than 5m, around the test site should be no sound-reflecting hard objects.

4.3.2

Environmental Noise should be